INTERNATIONAL SEARCH REPORT

International application No.

A. CLASSIFICATION OF SUBJECT MATTER Int. Cl? A45D34/04, B65D51/32 According to International Patent Classification (PC) or to both national classification and IPC B FIELDS SEARCHED Minimum documentation searched (classification ryseen followed by classification symbols) Int. Cl? A45D34/04, B65D51/32 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsiyo Shinan Roho 1922-1996 Jitsiyo Shinan Topolox Koho 1996-2005 Kokai Jitsiyo Shinan Koho 1971-2005 Topolox Jitsiyo Shinan Topolox Koho 1994-2005 Electronic data base consulted during the international search (name of data base and, where particiable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 2 Microfilm of the specification and drawings A annexed to the request of Japanese Utility Model Application No. 120086/1981 (Laid-open No. 26408/1983) (Tokyo Farts Kabushiki Kaisha) 19 February, 1983 (19 02 83), Page 4, line 11 to page 6, line 8 (Family: none) Y JP 2003-339436 A (Voshino Kogyosho Co., Ltd.), Par. Nos. (2001) (Family: none) EN Further documents are listed in the continuation of Box C. Special designation of side documents. **Comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to the application but cited to undormand and comment data to th			PCT,	/JP2005/004629
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"P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search 14 June, 2005 (14.06.05) Name and mailing address of the ISA/ Japanese Patent Office Telephone No.	_	· •	considered to involve an in	nventive step when the document is
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14 June, 2005 (14.06.05) Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. 28 June, 2005 (28.06.05) Authorized officer Telephone No.	Date of the actua	d completion of the international search	Date of mailing of the internation	onal search report
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International application No.
PCT/JP2005/004629

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appropriate, of the relevan	Relevant to claim No.			
Y	JP 2002-209630 A (Kamaya Kagaku Kogyo Co. Ltd.), 30 July, 2002 (30.07.02), Par. Nos. [0020], [0021] (Family: none)	, ·	5		
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